

ABSTRACT OF DISCLOSURE

An electronic device such as a computer, circuit board, or integrated circuit is built including circuitry for receiving temperature information. The clock frequency of the electronic device is varied in response to the temperature of the electronic device, thus lowering speed and power consumption of the device during periods of higher than normal temperature. Alternately, an electronic device such as a computer, circuit board, or integrated circuit is built including circuitry for receiving power supply information. The clock frequency and possibly the power supply voltage of the electronic device is varied in response to the power supply status of the electronic device, thus lowering speed and power consumption of the device during periods of lower than normal power supply current capability.